

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION OR RECOMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 5407
Name Hupfer Oil & Gas
Address 3711 Country Lane
City/State/Zip Hays, KS 67601

Purchaser Koch Oil Co
Wichita, KS 672012

Operator Contact Person Dennis Hupfer
Phone (913) 628-8666

Contractor: License # 5107
Name H-30, Inc.

Wellsite Geologist Bobby J. Beard
Phone 316-728-8141

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If ONWO: old well info as follows:
Operator
Well Name
Comp. Date
Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
12-13-85 12-20-85 12-21-85
Spud Date Date Reached TD Completion Date
3900'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 991 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from feet depth to w/ SX cmt
Cement Company Name
Invoice #

API NO. 15- 145-21,233-0000
County Pawnee
NW NE SE Sec 14 Twp 21S Rge 16 East
..... West

2310 Ft North from Southeast Corner of Section
990 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

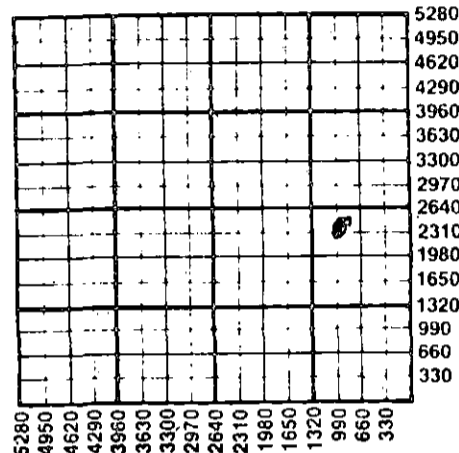
Lease Name Powers "A" Well # 1

Field Name Sweeney West (Extension)

Producing Formation Arbuckle

Elevation: Ground 1970 KB 1975

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # CP 48,270
C20,871 Repressuring

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717

Source of Water: T 85-1080
Division of Water Resources Permit #

Groundwater 2340 Ft North from Southeast Corner
(Well) 930 Ft West from Southeast Corner of
Sec 14 Twp 21S Rge 16 East West

Surface Water Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain)
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Dennis D. Hupfer
Title Owner Date 2-3-1986

Subscribed and sworn to before this 6 day of Feb 1986

Notary Public Donna J. Maskus

Date Commission Expires 11-1-1989

DONNA J. MASKUS
NOTARY PUBLIC
STATE OF KANSAS
MY APPT. EXPIRES NOV. 1, 1989

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)

FEB 7 1986

2-7-86

Sec. 14, Twp. 21, Rge. 16

SIDE TWO

Operator Name Hupfer Oil & Gas Lease Name..... Powers "A" Well #..... 1

Sec..... 14 Twp..... 21S Rge..... 16 East West County..... Pawnee

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1 - Arbuckle - 3815 to 3825 - 45-45-45-45. G.T.S. second opening, T.S.T. M. Recovered 100 ft. OCM. IBHP 1167, FBHP - 1067, IFP 50-71, FFP 38-41.

DST #2 - Misrun.

DST #3 - Arbuckle 3823 to 3829 - 45-45-45-45. G.T.S. 3 min., second opening. Gauged 301 MCF. Recovered 390 ft. HOCM, 180 ft. clean gassy oil & 180 ft. oily water. IBHP 1220, FBHP 1209, IFP 182-214, FFP - 225-300.

Completion: Perforated Arbuckle from 3822 to 3825, (2) holes per foot. Acidized w/ 150 gal. 15% NE. Let set overnight. Swabbed load - swabbed 10 BFPH, 60%. Gauged 125 MCF Gas. P.O.P.

Name	Top	Bottom
sand, shale, shell	0	515'
lime, shale	515'	972'
Anhydrite	972'	995'
lime, shale	995'	1316'
shale, lime	1316'	1930'
lime, shale	1930'	3900'
Rotary total depth	3900'	
Topeka	2992	-1017
Heebner	3344	-1369
Toronto	3363	-1388
Douglas Shale	3378	-1403
Brown Lime	3438	-1463
Lansing	3448	-1478
Viola	3717	-1742
Arbuckle	3814	-1839
R.T.D.	3900	-1925

CASING RECORD New Used
 Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
.. surface .....	.. 12-1/4 .....	.. 8-5/8 .....	.. 24# .....	.. 991' .....	.. 50/50poz .....	.. 400 .....	.. 3%cc, 2%gel
.. production .....	.. 7-7/8 .....	.. 5-1/2 .....	.. 15.5# .....	.. 3899' .....	.. 50/50poz .....	.. 100 .....	.. 18%salt, 3%cc 500
.....	.....	.....	.....	.....	gal. mud sweep	.....	.....

PERFORATION RECORD
 Shots Per Foot | Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) | Depth

.....
..... 2 .....	.. 3822 to 3825 .....	.. 150 gal. NE 15% .....	.. 3822-25
.....
.....

TUBING RECORD Size 2-7/8 Set At 3870 Packer at Liner Run Yes No

Date of First Production | Producing Method
 January 14, 1986 Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas	Water	Gas-Oil Ratio	Gravity
	45 bbl.				37
		125 MCF	30 Bbls	CFPB	

METHOD OF COMPLETION | Production Interval

Disposition of gas: Vented Open Hole Perforation Sold Other (Specify) 3822 to 3825
 Used on Lease
 (Shut in - will sell to Ex-Nort) Dually Completed Commingled Arbuckle.....